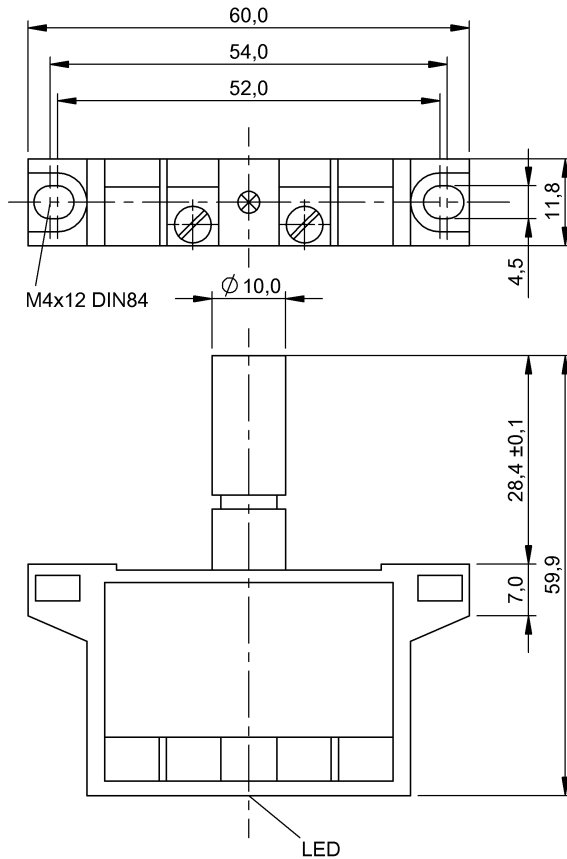


## BES 517-421-RK BES02MY



### Display/Operation

Function indicator yes

### Electrical connection

Connection type 1. Switch position: Screw terminal  
 Polarity reversal protected yes  
 Short-circuit protection no

### Electrical data

Hysteresis H max. (% of Sr) 15.0 %  
 Operating voltage Ub AC 35.0...250.0 V  
 Pollution degree 3  
 Rated insulation voltage Ui 250 V AC  
 Rated operating current Ie DC 100 mA  
 Rated operating voltage Ue AC 110 V  
 Ready delay tv max. 100 ms  
 Repeat accuracy max. (% of Sr) 5.0 %  
 Residual current Ir max. 1700 µA  
 Utilization category AC-140  
 Voltage drop static max. 8.5 V

### Environmental conditions

Ambient temperature -25...70 °C  
 Protection type IEC 60529 IP67 only installed in multiple limit switches

### General data

Approval/Conformity CE  
cULus  
EAC  
 Basic standard IEC 60947-5-2

### Material

Housing material PA  
 Material sensing surface PA 12

### Mechanical data

Connection cross-section 2.5 mm<sup>2</sup>  
 Dimension 60 x 11.8 x 59.9 mm  
 Installation for flush mounting  
 Tightening torque clamping screw 0.5 Nm

## BES 517-421-RK BES02MY

Temperature drift max. (% of Sr) 10 %

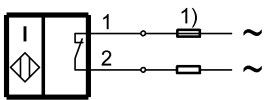
### Range/Distance

Assured operating distance Sa	1. Switch position: 1.6 mm
Effective operating distance Sr	2 mm
Range	2 mm
Rated operating distance Sn	1. Switch position: 2 mm

### Remarks

Recommendation: After a short circuit check the device for proper function.

### Wiring Diagram



1) For SCP see electrical data